

MG. 1

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BEGIN
TRECETUE REQUEST FOR TICKET
NO COLUMN HU
? 220
ACCESS DATA BASE 230
LOCATE GROUP IN DATABASE
AND ALL AMCESTOR GROUPS 240) LONGTRUCT SUMMARY OF
EVENTS ASSOCIATED W
CLIENT BY ADDING IDENTIFYING [NFO FOR EACH EVENT IN
THE GROUP AND ANCESTOICS 250
TRANSMIT TICKET TO (EMI)
CLIENT 260

FIG. 2.

ASSOCIFTIUE DATABLE

FJ61.3

```
410 GROUP IDENTIFIER

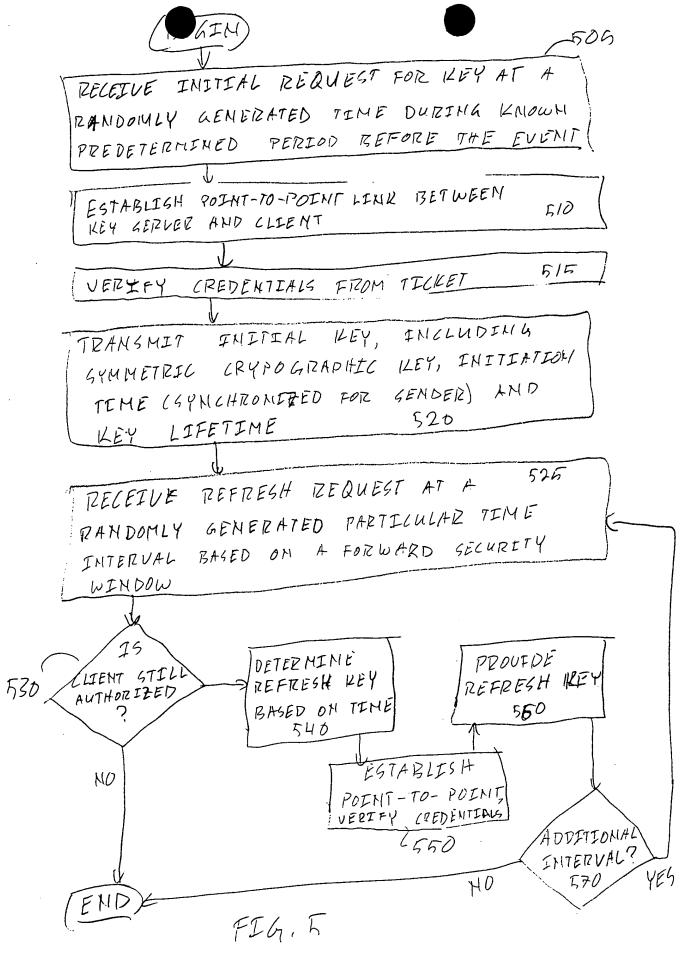
(EVENT1 - TITLE 421, IP +DRESS OF
SENDING CLIENT 422, TIME
INDICATION 423, IP ADDRESS
OF KEY SERVER 424.

EVENT 2

EVENT N

430 DIGITAL CERTIFICATE
```

FIG. 4



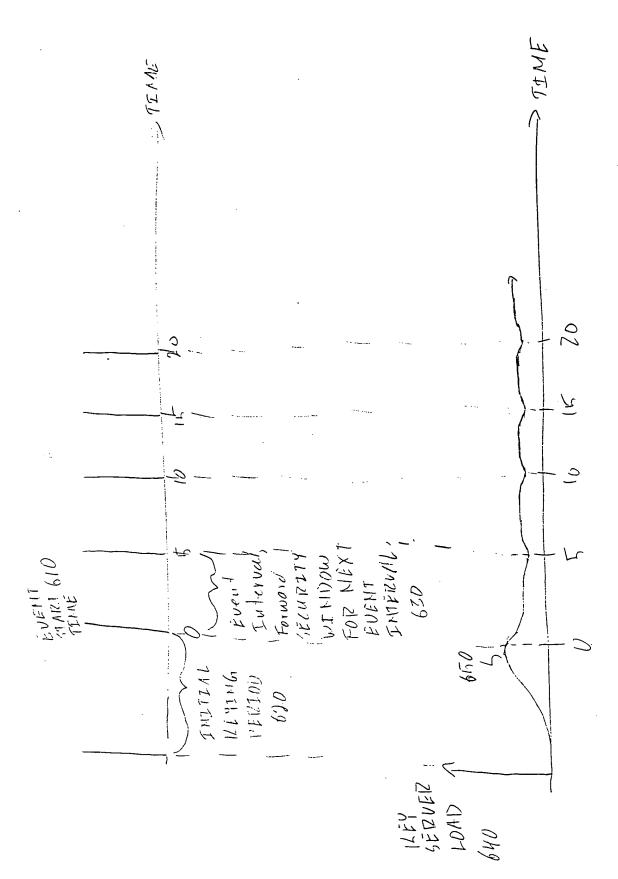
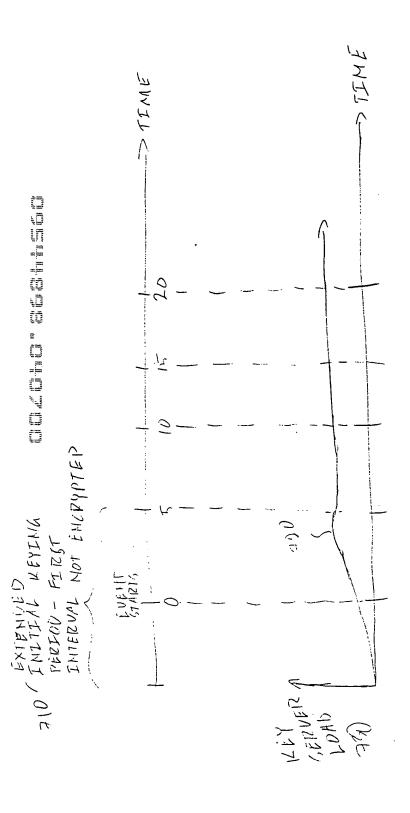


FIG. 6



FIM, 7



PECETUE AN INITIAL REQUEST FOR A KEY FROM EACH OF A NUMBER OF CLIENTS AT VARIOUS RANDOM TIMES DURING A PREDETERNINED PERIOD REFORE THE EVEN

ESTABLISH POINT-10-POINT WITH EACH CLIENT G20

VERIFY CREDENTIALS

830

INITIAL KEY TRANSMIT

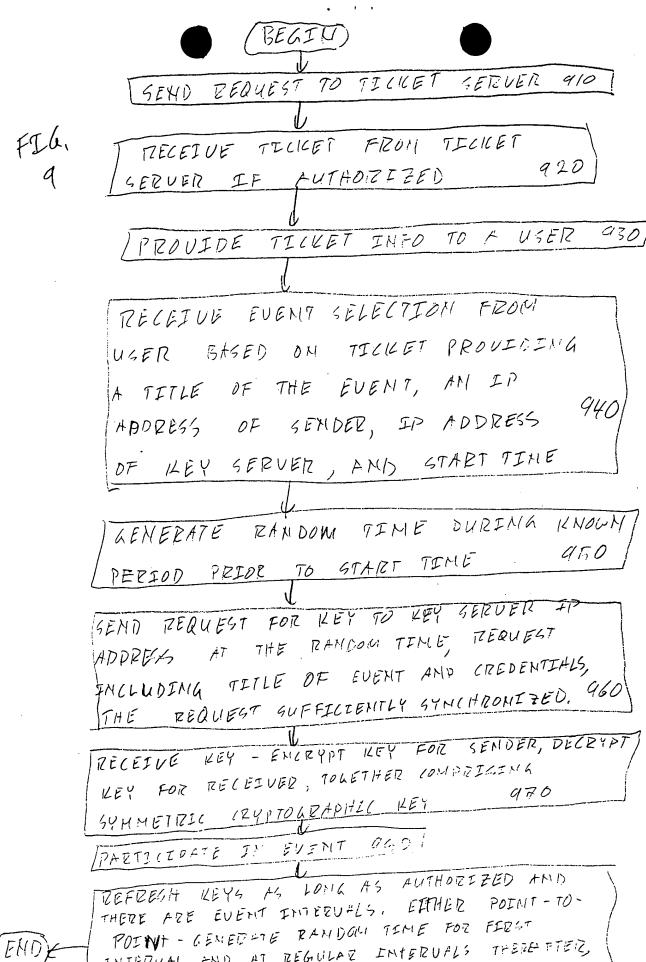
WHICK OF THE NUMBER DETERMINE OF CLIENTS REMAIN AUTHORIZA FOR A MEXT EVENT INTERVAL DURING 450 FORWARD SECURITY WINDOW

MULTICAST REFRESH LEY TO CLIENTS THAT IZEMATH AUTHORIZED 860 INTERUAL EDT NEXT

> FDDITIONAL YES INTERVALS

> > 141)

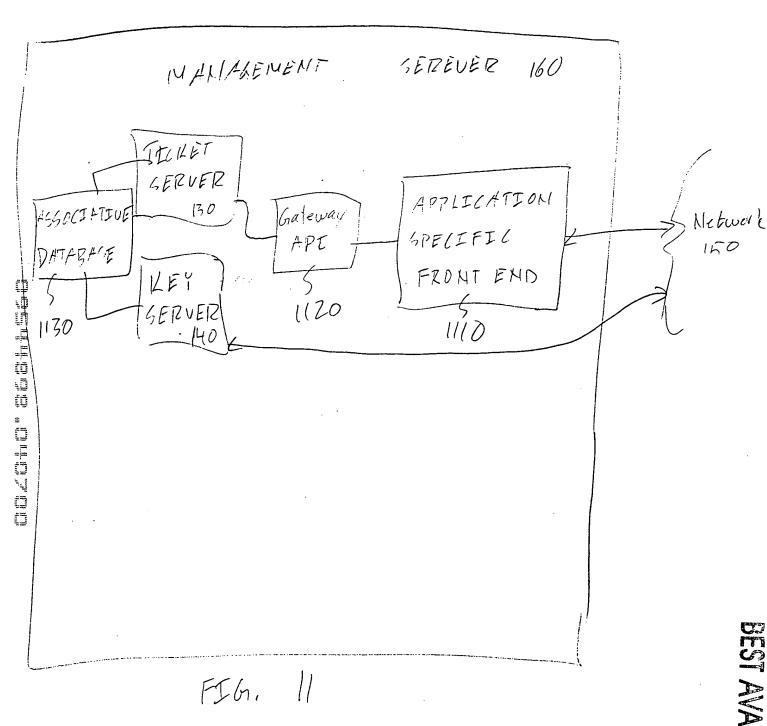
+IG, 8

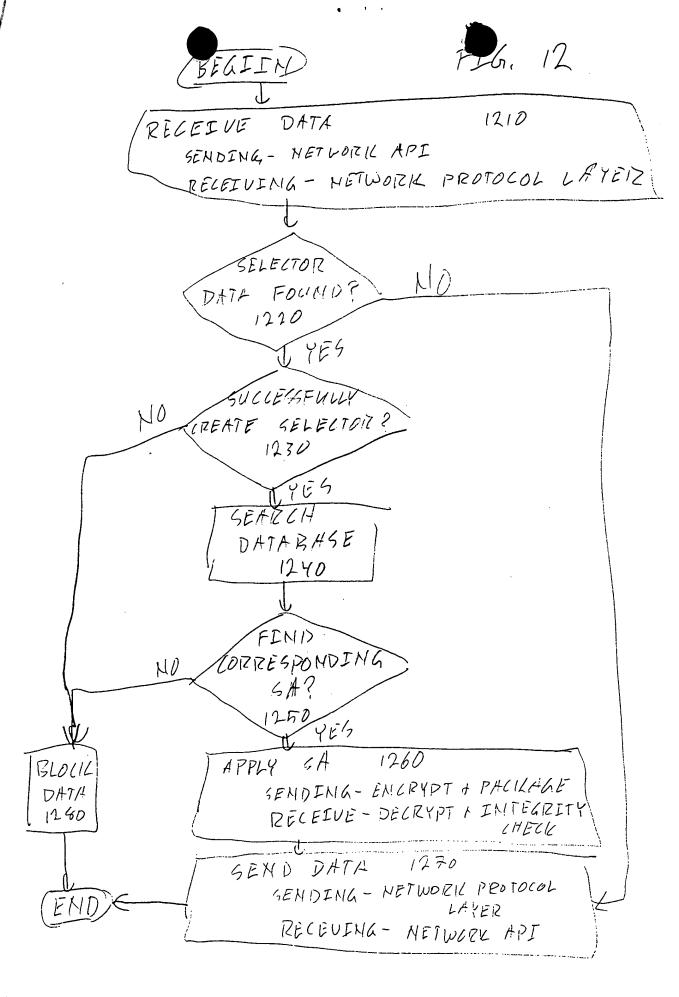


INTERVAL AND AT REGULAR ENTERVALS THERE FIETS 090 MULTI (AST OZ

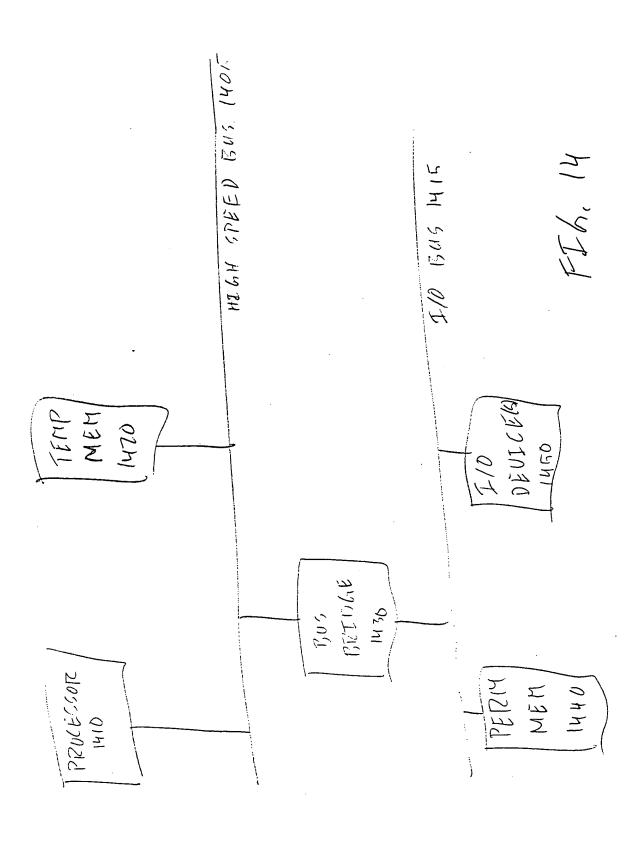
FIG. 10 BEGIN NO RECEIVE DATABASE INSTRUCTION? 1010 IDENTIFY THE INSTRUCTION: - NEW CLIENT - NEW EVENIT - DELETE CLIENT/EVENT - MODIFY CLIENT/EVENT - TICKET 1020 - KEY DETERMINE INSTRUCTION PARHMETERS -IDENTIFIERS 1030 - LREDENTIALS - NEW INFORMATION PROCESS, INSTRUCTION

21040





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MACHENE
REFORE
PEROPEE
PRECUTABLE
THEOLOGICALINE
1520
MACHENE
TEXECUTABLE
THACHTENE
1520
1510

FIG. 15